Converting Colors

Android(4282577056)

Have a look what the booklet for Android(4282577056) contains.

Color

Android(4282577056)

Conversions

Conversions Part 1

Format	Color
Hex	42F0A0
RGB	66, 240, 160
RGB Percent	26%, 94%, 63%
CMY	0.7412, 0.0588, 0.3725
CMYK	0.72, 0.00, 0.33, 0.06
HSL	152°, 85%, 60%
HSV	152°, 72%, 94%
XYZ	39.7520, 66.0165, 43.9050
YIQ	178.8540, -78.0240, -61.7680

Conversions

Conversions Part 2

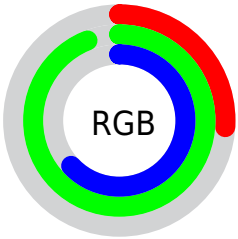
Format	Color
RYB	66, 179, 240
Decimal	4386976
CIELab	85.00, -61.45, 26.39
CIELCh	85, 66.874, 156.758
Yxy	66.0165, 0.2656, 0.4411
Android (android.graphics.Color)	4282577056 (0xFF42F0A0)
YUV	178.8540, -9.2950, -98.9730
Hunter-Lab	81.2505, -54.8569, 24.8371

Details

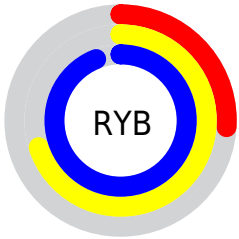
The Android color 4282577056 is a light color, and the websafe version is hex 66FF99. The color can be described as light washed spring green. A complement of this color would be 4293935762, and the grayscale version is 4289967027.

A 20% lighter version of the original color is 4287168471, and 4278237036 is the 20% darker color. If you saturate the color by 10%, you get 4281004181, and if you desaturate by 10%, it is 4284149931.

Distribution

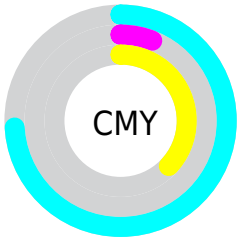


- Red (26%)
- Green (94%)
- Blue (63%)



- Red (26%)
- Yellow (70%)
- Blue (94%)

- Cyan (72%)
- Magenta (0%)
- Yellow (33%)
- Black (6%)



- Cyan (74%)
- Magenta (6%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282577056 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4282577056 by changing the saturation by 10% instead.

4282577056

4294967295

4287168471

4289200116

4291231743

4293263359

4282577056

4278244230

4278237036

4278229843

4278222907

4278215972

4278209549

4278203648

4278196736

4278190080

4282577056

4281004181

4279431306

4278251650

4282577056

4284149931

4285722806

4287295681

4288868556

4290441431

4292014306

4293587181

4294963448

4294963455

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

4289193578

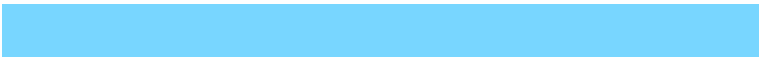
4282577056

4278252769

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

4282577056



4286109439

4294944908

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

4282577056

4293935762

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

4294941896

4282577056

4293639935

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

4282577056

4278249727

4294944511

4294950750

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

4282577056

4278252543

4294944511

4294943391

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

4282577056

4291297253

4287885378

4284383344

4278190080

4286611584

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

4282577056

4280418201

4282575600

4285298802

4278237283

4278204446

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

4293935762

4294910343

4293937218

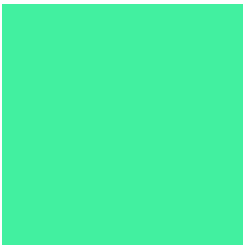
4286082161

4290248788

4281860122

Previews

White Background

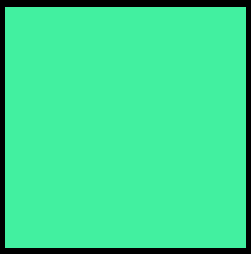


This preview shows how the Android color 4282577056 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4282577056 looks on a black background.

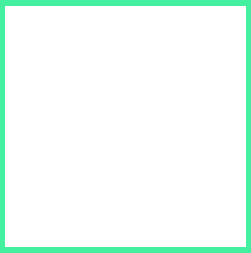
Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4282577056 Background

This preview shows how black text looks on a background with the Android color 4282577056.



This preview shows how white text looks on a background with the Android color 4282577056.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

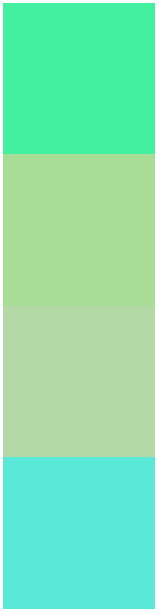
Original Color
4282577056

Protanopia
4293120659

Deuteranopia
4294298281

Tritanopia
4284999160

Trichromacy



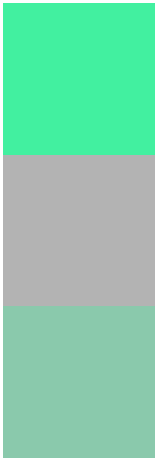
Original Color
4282577056

Protanomaly
4289256856

Deuteranomaly
4290042022

Tritanomaly
4284148184

Monochromacy



Original Color
4282577056

Achromatopsia
4289967027

Achromatomaly
4287285676

CSS Examples

Text

The CSS property to change the color of the text to Android 4282577056 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(66, 240, 160) looks like.

```
.text, #text, p{
    color:rgb(66, 240, 160)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(66, 240, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 240, 160) }
```

Border

The CSS property to change the border of an element to Android 4282577056 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(66, 240, 160) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(66, 240, 160) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(66, 240, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(66, 240, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(66, 240, 160); box-shadow:4px 4px 4px 4px rgb(66, 240, 160) }
```

Background

The CSS property to change the background color of an element to Android 4282577056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(66, 240, 160) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(66, 240,
160) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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